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|   |                        |                               |
|---|------------------------|-------------------------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | Attorney Docket No.    | 117P45USD1                    |
|   | First Inventor         | Gregory G. Griesse            |
|   | Title                  | PRODUCT DISPENSER AND CARRIER |
|   | Express Mail Label No. | ER 051516938 US               |

|   |   |
|---|---|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents. | <b>ADDRESS TO:</b><br>Mail Stop Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria VA 22313-1450 |
|---|---|

|  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i><br>2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.<br>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>23</u> ]<br><i>(preferred arrangement set forth below)</i><br>- Descriptive title of the invention<br>- Cross Reference to Related Applications<br>- Statement Regarding Fed sponsored R & D<br>- Reference to sequence listing, a table,<br>or a computer program listing appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings <i>(if filed)</i><br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure<br>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>15</u> ]<br>5. Oath or Declaration [Total Sheets _____]<br>a. <input type="checkbox"/> Newly executed (original or copy)<br>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><i>(for continuation/divisional with Box 18 completed)</i><br>i. <input checked="" type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s)<br>name in the prior application, see 37 CFR<br>1.63(d)(2) and 1.33(b).<br>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br>Computer Program <i>(Appendix)</i><br>8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i><br>a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> Paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies<br><b>ACCOMPANYING APPLICATION PARTS</b><br>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of<br><i>(when there is an assignee)</i> Attorney<br>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i><br>12. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS<br>Statement (IDS) <u>PTO-1449</u> Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i><br>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122<br>(b)(2)(B)(i). Applicant must attach form PTO/SB/35<br>or its equivalent.<br>17. <input checked="" type="checkbox"/> Other: Cover Letter for Declarations<br>..Statement Under 37 CFR 1.63(d)(2) |
|--|--|

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/121,440

Prior application information: Examiner Doerler, William Charles Art Unit: 3744

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number: 23322 OR ☐ Correspondence address below

|         |           |          |  |
|---------|-----------|----------|--|
| Name    |           |          |  |
| Address |           |          |  |
| City    | State     | Zip Code |  |
| Country | Telephone | Fax      |  |

|                   |                        |                                   |                   |
|-------------------|------------------------|-----------------------------------|-------------------|
| Name (Print/Type) | Robin A. Sannes        | Registration No. (Attorney/Agent) | 45,070            |
| Signature         | <i>Robin A. Sannes</i> | Date                              | February 12, 2004 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

22857 U.S. PTO  
10/777409



04772 U.S. PTO  
021204

PTO/SB/17 (10-03)  
Approved for use through 07/31/2008. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770

## Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   |                    |
| Filing Date          | Even Date Herewith |
| First Named Inventor | Gregory G. Griesse |
| Examiner Name        |                    |
| Art Unit             |                    |
| Attorney Docket No.  | 117P45USD1         |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 50-0549  
Deposit Account Name: IPLM Group, P.A.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description        | Fee Paid |
|-------------------------------|-------------------------------|------------------------|----------|
| 1001 770                      | 2001 385                      | Utility filing fee     | 770      |
| 1002 340                      | 2002 170                      | Design filing fee      |          |
| 1003 530                      | 2003 265                      | Plant filing fee       |          |
| 1004 770                      | 2004 385                      | Reissue filing fee     |          |
| 1005 160                      | 2005 80                       | Provisional filing fee |          |
| SUBTOTAL (1)                  |                               |                        | (\$ 770  |

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 10                 | -20** = 0    | x 18           | = 0      |
| 1                  | -3** = 0     | x 86           | = 0      |
| Multiple Dependent |              |                |          |

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description  | Fee Paid |
|-------------------------------|-------------------------------|--|----------|
| 1202 18                       | 2202 9                        | Claims in excess of 20                                     |          |
| 1201 86                       | 2201 43                       | Independent claims in excess of 3                          |          |
| 1203 290                      | 2203 145                      | Multiple dependent claim, if not paid                      |          |
| 1204 86                       | 2204 43                       | ** Reissue independent claims over original patent         |          |
| 1205 18                       | 2205 9                        | ** Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2)                  |                               |  | (\$ 0    |

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description  | Fee Paid |
|-------------------------------|-------------------------------|--|----------|
| 1051 130                      | 2051 65                       | Surcharge - late filing fee or oath  |          |
| 1052 50                       | 2052 25                       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130                      | 1053 130                      | Non-English specification  |          |
| 1812 2,520                    | 1812 2,520                    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804 920*                     | 1804 920*                     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*                   | 1805 1,840*                   | Requesting publication of SIR after Examiner action                        |          |
| 1251 110                      | 2251 55                       | Extension for reply within first month                                     |          |
| 1252 420                      | 2252 210                      | Extension for reply within second month                                    |          |
| 1253 950                      | 2253 475                      | Extension for reply within third month                                     |          |
| 1254 1,480                    | 2254 740                      | Extension for reply within fourth month                                    |          |
| 1255 2,010                    | 2255 1,005                    | Extension for reply within fifth month                                     |          |
| 1401 330                      | 2401 165                      | Notice of Appeal   |          |
| 1402 330                      | 2402 165                      | Filing a brief in support of an appeal                                     |          |
| 1403 290                      | 2403 145                      | Request for oral hearing   |          |
| 1451 1,510                    | 1451 1,510                    | Petition to institute a public use proceeding                              |          |
| 1452 110                      | 2452 55                       | Petition to revive - unavoidable   |          |
| 1453 1,330                    | 2453 665                      | Petition to revive - unintentional   |          |
| 1501 1,330                    | 2501 665                      | Utility issue fee (or reissue)   |          |
| 1502 480                      | 2502 240                      | Design issue fee   |          |
| 1503 640                      | 2503 320                      | Plant issue fee  |          |
| 1460 130                      | 1460 130                      | Petitions to the Commissioner  |          |
| 1807 50                       | 1807 50                       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180                      | 1806 180                      | Submission of Information Disclosure Stmt                                  |          |
| 8021 40                       | 8021 40                       | Recording each patent assignment per property (times number of properties) |          |
| 1809 770                      | 2809 385                      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810 770                      | 2810 385                      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 770                      | 2801 385                      | Request for Continued Examination (RCE)                                    |          |
| 1802 900                      | 1802 900                      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

(Complete if applicable)

|                   |                 |                                   |                   |           |              |
|-------------------|-----------------|-----------------------------------|-------------------|-----------|--------------|
| Name (Print/Type) | Robin A. Sannes | Registration No. (Attorney/Agent) | 45,070            | Telephone | 612/331-7419 |
| Signature         |                 | Date                              | February 12, 2004 |           |              |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IPLM Group, P.A.  
P.O. Box 18455  
Minneapolis, MN 55418  
612-331-7400 telephone  
612-331-7401 facsimile

**PATENT**

**EXPRESS MAIL TRANSMITTAL LETTER**  
**OF DIVISIONAL PATENT APPLICATION**

| Attorney Docket No. | Parent Serial No. |
|---------------------|-------------------|
| 117P45USD1          | 10/121,440        |

MS: PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

|                       |                               |           |  |
|-----------------------|-------------------------------|-----------|--|
| In re Application of: | Gregory G. Griese et al.      |           |  |
| Serial No.:           |                               | Examiner: |  |
| Confirmation No.:     |                               | Art Unit: |  |
| Filed:                | Even date herewith            |           |  |
| For:                  | PRODUCT DISPENSER AND CARRIER |           |  |

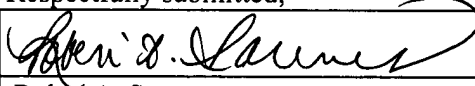
We are transmitting the following documents:

Return Postcard  
Express Mail Transmittal Letter  
Fee Transmittal for FY 2004  
Utility Patent Application Transmittal  
Patent Application (Specification: 20 pages; 10 claims; Abstract: 1 page [Total 23 pages])  
Drawings: fifteen ( 15 ) sheets  
Cover Letter for Declarations with Exhibits 1, 2 and 3 attached (copies of unsigned and signed Combined  
Declarations and Powers of Attorney and Correction of Inventorship documents) [16 pages]  
Statement Under 37 CFR 1.63(d)(2)  
Copies of Forms 1449 and Notice of References Cited from parent application, with 28 documents referenced  
thereon [3 pages]

**Assignment is of record in prior Application recorded at Reel/Frame: 013037/0454 on July 1, 2002**

**Please charge Deposit Account 50-0549 for any fees under 37 CFR §1.16 and §1.17 that may be required during the pendency of this application. This authorization includes the fee for any extension of time under 37 CFR §1.136(a) that may be necessary. To the extent any such extension should become necessary it is hereby requested.**

Respectfully submitted,

|                            |                             |  |
|----------------------------|-----------------------------|--|
| Registration No.<br>45,070 | Direct Dial<br>612-331-7419 |  |
| Date February 12, 2004     | Robin A. Sannes             |  |

United States Patent and Trademark Office

Customer No. 23322

**Certificate of Express Mail**

Pursuant to 37 CFR 1.10, I certify that this correspondence is being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: MS: PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Express Mail No.:  
ER 051516938 US

Date of Mailing:  
February 12, 2004

  
Nancy E. Ruth

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                               |
|-------------|-------------------------------|
| Applicant:  | Gregory G. Griese et al.      |
| Docket No.: | 117P45USD1                    |
| Filed:      | herewith                      |
| Title:      | PRODUCT DISPENSER AND CARRIER |

Cover Letter for Declarations

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The enclosed copies of the declarations are for the previously filed Application No. 10/121,440, filed April 10, 2002. Three declarations were filed in this previously filed application.


The first declaration was filed unexecuted on April 10, 2002 and is included in Exhibit 1. The second declaration was filed on June 24, 2002 in reply to the Notice to File Missing Parts of Nonprovisional Application and is included in Exhibit 2. The third declaration was filed on November 25, 2003 with a Request to Correct Inventorship under 37 CFR 1.48(a)(1), a Statement of Lack of Deceptive Intent under 37 CFR 1.48(a)(2), and the Assignee Consent to Deletion of an Inventor under 37 CFR 1.48(a)(5). Copies of these documents relating to the correction of inventorship are also enclosed and are included in Exhibit 3.

The specification and drawings submitted for the continuation application do not contain any subject matter that would have been new matter in the previous application.

Respectfully submitted,

GREGORY G. GRIESE ET AL.

Date: 02/12/2004

By:   
Robin A. Sannes  
Reg. No.: 45,070  
IPLM Group, P.A.  
P.O. Box 18455  
Minneapolis, MN 55418  
Telephone: (612) 331-7419

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                               |
|-------------|-------------------------------|
| Applicant:  | Gregory G. Griesse et al.     |
| Docket No.: | 117P45USD1                    |
| Filed:      | herewith                      |
| Title:      | PRODUCT DISPENSER AND CARRIER |

Statement under 37 CFR 1.63(d)(2)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The copies of the declarations from the previously filed application, which are enclosed herewith, include names of persons who are not inventors in this divisional application. Please delete the names of the following persons as inventors in this divisional application:

John E. Thomas  
Stephan M. Hubig  
Terry J. Klos  
Jamie W. Lerbs  
Trevor J. Wilhelmson  
Scott T. Russell

Therefore, the inventors in this divisional application are: Gregory G. Griesse and Brian A. Chute.

Respectfully submitted,

GREGORY G. GRIESE ET AL.

Date: 02/12/2004

By: Robin A. Sannes  
Robin A. Sannes  
Reg. No.: 45,070  
IPLM Group, P.A.  
P.O. Box 18455  
Minneapolis, MN 55418  
Telephone: (612) 331-7419

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                               |                   |      |
|-------------|-------------------------------|-------------------|------|
| Applicant:  | Gregory G. Griesse et al.     | Examiner:         |      |
| Serial No.: | 10/121,440                    | Group Art Unit:   | 1746 |
| Filed:      | April 10, 2002                | Confirmation No.: | 2233 |
| Docket No.: | 117P45US01                    |                   |      |
| Title:      | PRODUCT DISPENSER AND CARRIER |                   |      |

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Statement of Lack of Deceptive Intent  
under 37 CFR 1.48(a)(2)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

My name should be deleted as an inventor in the above-referenced patent application.  
The error in inventorship occurred without any deceptive intention on my part.

Respectfully submitted,

KATHRYN A. NETSCHKE

Date: 11/11/2003

By: Kathryn Netschke

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                               |                   |                     |
|-------------|-------------------------------|-------------------|---------------------|
| Applicant:  | Gregory G. GRIESE et al.      | Examiner:         | Wilson, Pamela Anne |
| Serial No.: | 10/121,440                    | Group Art Unit:   | 3749                |
| Filed:      | April 10, 2002                | Confirmation No.: | 2233                |
| Docket No.: | 117P45US01                    |                   |                     |
| Title:      | PRODUCT DISPENSER AND CARRIER |                   |                     |

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Request to Correct Inventorship under 37 CFR 1.48(a)(1)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Please correct the inventorship under 37 CFR 1.48(a) in the above-referenced nonprovisional patent application by deleting the following inventor:

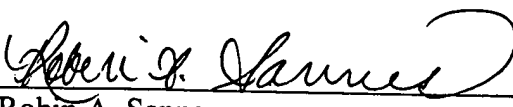
Kathryn A. Netschke.

In addition, the statement from the inventor being deleted, the declaration by the actual inventors as required by 37 CFR 1.63, the processing fee set forth in §1.17(i), and the written consent of the assignee are enclosed.

Respectfully submitted,

GREGORY G. GRIESE ET AL.

Date: 11/25/2003

By:   
Robin A. Sannes  
Reg. No. 45,070  
IPLM Group, P.A.  
P.O. Box 18455  
Minneapolis, MN 55418  
Telephone: (612) 331-7419

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                               |                   |      |
|-------------|-------------------------------|-------------------|------|
| Applicant:  | Gregory G. Griese et al.      | Examiner:         |      |
| Serial No.: | 10/121,440                    | Group Art Unit:   | 1746 |
| Filed:      | April 10, 2002                | Confirmation No.: | 2233 |
| Docket No.: | 117P45US01                    |                   |      |
| Title:      | PRODUCT DISPENSER AND CARRIER |                   |      |

---

Assignee Consent to Deletion of an Inventor  
under 37 CFR 1.48(a)(5)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

As evidenced by the Assignment recorded at Reel 013037, Frame 0454 on July 1, 2002, Ecolab Inc. is the Assignee of the above-referenced patent application.

Ecolab Inc. consents to the deletion of Kathryn A. Netschke as an inventor in this application.

Respectfully submitted,

ECOLAB INC.

Date: Nov 18, 2003

By: Andrew D. Sorensen  
Chief Patent Counsel